

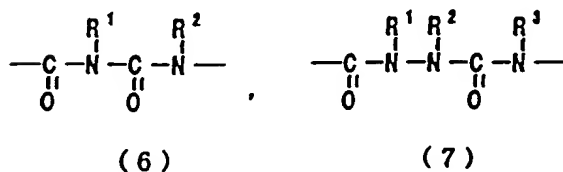
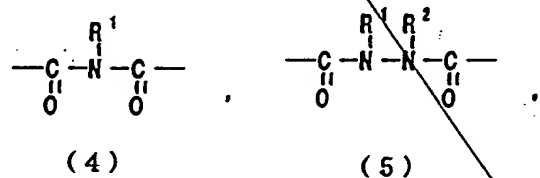
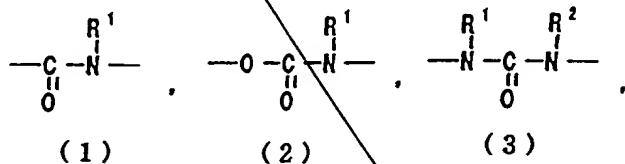
Abstract

Object

Liquid crystal-alignment agent where uniform liquid alignment of liquid crystals is effectively manifested by the irradiation with light over the liquid crystal alignment film without rubbing treatment of the liquid crystal alignment film thereof, and further manifests liquid crystal alignment with high stability and high light resistance, liquid crystals device with the use of said alignment agent and the method of the liquid crystal alignment by the use of said liquid crystal alignment agent.

Constitution

Liquid crystal alignment agent where polymer compound having bonds shown in the general formula (1) – (7) below



wherein R¹, R² and R³ are independently of each other hydrogen, alkyl,

